CSC105 – Programming Logic

Lab05:

**Commission Table**

You have just started a sales job in the Acme department store. Your pay consists of a base salary and a commission. The base salary is $10,000.00. The scheme shown below is used to determine the commission rate:

Sales Amount Commission Rate

$0.01 - $10,000 7.50 percent

$10,000.01 - $20,000 11.25 percent

$20,000.01 and above 14.50 percent

Note that this is a graduated rate. The rate for the first $10,000 is at 7.5%, the next $10,000 is at 11.25%, and the rest is at 14.5%. If the sales amount is $25,000, the commission is 10000 \* 7.5% + 10000 \* 11.25% + 5000 \* 14.5% = 2600.

Create a Python program called “CommissionTable.py” that contains a main function that calls another function that prints the Acme header (see sample output below) and then calls another function that computes a commission table using the commission rates described above. The headers of the called functions are as follows:

printHeader() returns nothing, and computeCommission(salesAmount) returns commission

You need to format your table in appropriate dollars and cents. Formatting examples are located in TestChapter02.py.

Sample output:

Graphical user interface, application, Word

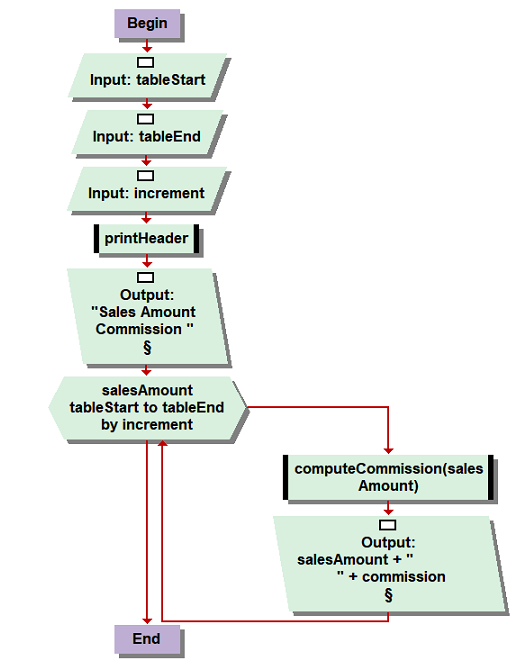
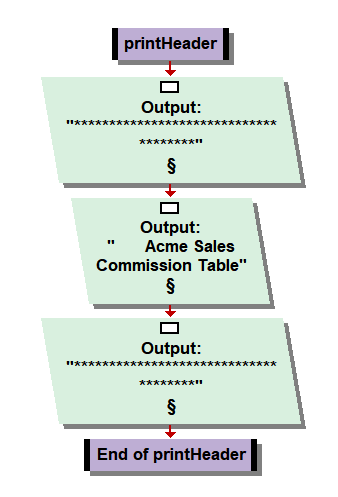
Description automatically generated

Graphical user interface, text, application

Description automatically generated

Please rename your source file to “Your Name Lab05.py” and send it to me as an attachment in a Blackboard message. A flowchart is below to assist you in your program design.

**Flowchart:**

**computeCommission Method:**

